

IN THE CLAIMS:

This Listing of Claims will replace all prior versions, and listings, of claims in the subject Patent Application:

Listing of Claims:

1. (Previously presented) An automatic anti-accident electrical outlet comprising:

a main body having a plurality of insertion holes and electric wire insertion holes formed in a back face thereof;

a circuit board connected to said main body, a surge capacitor, a step-down resistor and a rectifying diode being installed on said circuit board; and

an overload protector installed on said circuit board and connected with components on said circuit board for selectively coupling a source of electric power to said main body, a function restoration button being provided on said overload protector to protrude from said main body;

when an electric current overload of said electrical outlet occurs, said overload protector on said circuit board being operable to cut off said main body from the electric power and illuminate an alarm lamp on said circuit board, upon the overload situation being resolved, said function restoration button being manipulable to actuate said overload protector to restore coupling of electric power to said main body and deactivate said alarm lamp on said circuit board.

2. (Previously presented) The automatic anti-accident electrical outlet as

claimed in claim 1, wherein said circuit board has protruding therefrom a plurality of insertion rods inserted into said insertion holes of said main body for electrical coupling, and through holes disposed to align with said electric wire insertion holes of said main body for receiving a power source wire.

3. **(Currently amended)** An automatic anti-accident electrical outlet, having at least one receptacle defining a plurality of socket opening portions for supplying power to an electrical appliance connected thereto, the receptacle having formed in a back face thereof a pair of electric wire insertion holes and a pair of insertion holes, at least one of said socket opening portions being electrically coupled to a first power source wire through one of the electric wire insertion holes, the outlet comprising:

a main body receiving said receptacle therein;

an overload protector coupled to the main body for selectively coupling a source of electric power thereto, the overload protector having a function restoration button protruding to be exposed outside said main body, said overload protector ~~having one end portion electrically connected to a second power source wire, and another end portion electrically connected to one of said socket opening portions;~~

a surge capacitor electrically connecting said socket opening portions;

a step-down resistor having a first end electrically connected to one of said socket opening portions;

a rectifying diode having a positive pole and a negative pole, said positive pole of said rectifying diode electrically connecting to a second end of said step-down resistor; and

an alarm lamp exposed outside said main body, said alarm lamp having a positive pole electrically connecting to said negative pole of said rectifying diode, said alarm lamp having a negative pole electrically connecting to said second power source wire;

wherein the overload protector is operable responsive to current overload of said receptacle to cut off electric power thereto and generate current through the surge capacitor, step-down resistor, and rectifying diode for actuating the alarm lamp for visually alerting a user.

4. (Previously presented) The automatic anti-accident electrical outlet as claimed in claim 3, comprising a plurality of receptacles each connected to the first power source wire, adjacent ones of said receptacles being spaced one from the other, with said function restoration button and alarm lamp disposed therebetween.

5. (Previously presented) The automatic anti-accident electrical outlet as claimed in claim 4, further comprising a circuit board, wherein said overload

MR2349-945
Serial Number: 10/602,869
Reply to Office Action dated 7 August 2006

protector, said surge capacitor, said step-down resistor, said rectifying diode, and said alarm lamp are mounted thereon, said circuit board having four insertion rods respectively inserted into corresponding ones of said insertion holes.